

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10	
I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on AUGUST 4, 2003 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV351031212US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
AUGUST 4, 2003 Date	<i>B. Todd Patterson</i> Signature

17507 U.S. PTO
10/634662
08/04/03

Re:Inventor(s): **MEI CHANG, NIRMALYA MAITY AND SESHADRI GANGULI**
Title: **RUTHENIUM LAYER FORMATION FOR COPPER FILM DEPOSITION**

Transmitted herewith is the patent application identified above, including:

- ☒ CIP Specification, claims and abstract 35 Total Pages
- ☒ Drawings ☒ Formal ☐ Informal 5 Total Pages
- ☐ Executed Declaration and Power of Attorney
- ☐ Information Disclosure Statement with List
- ☐ Assignment of the Invention to **Applied Materials, Inc.**
- ☐ Assignment Recordation Cover Sheet

FEE CALCULATION

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$750.00
Total Claims	52	- 20 = 32	X \$18 =	\$576.00
Independent Claims	4	- 3 = 1	X \$84 =	\$84.00
First Presentation of Multiple Dependent Claims			+ \$.00	-0-
Total Filing Fee Calculation				\$1,410.00

- ☐ The Commissioner is hereby authorized to charge \$ to Deposit Account No. **A**
duplicate copy of this transmittal is enclosed.
- ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **A duplicate copy of this transmittal is enclosed.**
- ☒ Please address all future correspondence to: **PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. Box 450A
Santa Clara, CA 95052**
- ☒ Please direct all telephone calls to: **B. Todd Patterson
713-623-4844**

Respectfully submitted,

B. Todd Patterson
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Registration No. 37,906